

1. RECEIVE TEXT
2. IDENTIFY ALL TEXTUAL UNITS IN TEXT
3. SELECT 1ST SET OF TEXTUAL UNITS
4. SELECT 2ND SET OF TEXTUAL UNITS
5. IDENTIFY UNIQUE TEXTUAL UNITS IN 1ST SET
6. IDENTIFY UNIQUE TEXTUAL UNITS IN 2ND SET
7. DETERMINE SHARED TEXTUAL UNITS OF 1ST AND 2ND SET
8. SELECT 3RD SET OF TEXTUAL UNITS BETWEEN 1ST AND 2ND
9. IDENTIFY UNIQUE TEXTUAL UNITS IN 3RD SET
10. IDENTIFY UNIQUE TEXTUAL UNITS IN TEXT
11. DETERMINE OCCURRENCE FREQUENCY OF EACH
UNIQUE TEXTUAL UNIT IN 3RD SET
12. DETERMINE OCCURRENCE FREQUENCY OF EACH
UNIQUE TEXTUAL UNIT IN TEXT
13. DETERMINE PROXIMITY OF RESULTS OF STEPS 11 AND 12
14. CALCULATE SCORE FOR 1ST SET VS. 2ND SET AS FUNCTION
OF RESULTS OF STEPS 7 AND 13
15. RETURN TO STEP 4 IF ADDITIONAL PROCESSING DESIRED
16. ASSIGN HIGHEST SCORE IN STEP 14 TO 1ST SET
17. RETURN TO STEP 3 IF ADDITIONAL PROCESSING DESIRED
18. SELECT NUMBER OF TEXTUAL UNITS SELECTED IN STEP 3
ACCORDING TO SCORE AS SUMMARY OF TEXT

FIG. 1

1. RECEIVE TEXT
2. IDENTIFY ALL TEXTUAL UNITS IN TEXT
3. SELECT 1ST SET OF TEXTUAL UNITS
4. SELECT 2ND SET OF TEXTUAL UNITS
5. IDENTIFY UNIQUE TEXTUAL UNITS IN 1ST SET
6. IDENTIFY UNIQUE TEXTUAL UNITS IN 2ND SET
7. DETERMINE SHARED TEXTUAL UNITS OF 1ST AND 2ND SET
8. SELECT 3RD SET OF TEXTUAL UNITS BETWEEN 1ST AND 2ND
9. IDENTIFY UNIQUE TEXTUAL UNITS IN 3RD SET
10. IDENTIFY UNIQUE TEXTUAL UNITS IN TEXT
11. DETERMINE OCCURRENCE FREQUENCY OF EACH
UNIQUE TEXTUAL UNIT IN 3RD SET
12. DETERMINE OCCURRENCE FREQUENCY OF EACH
UNIQUE TEXTUAL UNIT IN TEXT
13. DETERMINE PROXIMITY OF RESULTS OF STEPS 11 AND 12
14. CALCULATE SCORE FOR 1ST SET VS. 2ND SET AS FUNCTION
OF RESULTS OF STEPS 7 AND 13
15. RETURN TO STEP 4 IF ADDITIONAL PROCESSING DESIRED
16. ASSIGN HIGHEST SCORE IN STEP 14 TO 1ST SET
17. SELECT 4TH SET OF TEXTUAL UNITS CONTIGUOUS WITH 1ST SET
18. IDENTIFY UNIQUE TEXTUAL UNITS IN 4TH SET
19. DETERMINE UNIQUE TEXTUAL UNITS SHARED BY 1ST SET
AND 4TH SET
20. DETERMINE OCCURRENCE FREQUENCY OF UNIQUE TEXTUAL
UNITS IN 4TH SET
21. DETERMINE PROXIMITY OF RESULTS OF STEPS 12 AND 20
22. CALCULATE SCORE FOR 1ST SET VS. 4TH SET AS FUNCTION
OF RESULTS OF STEPS 19 AND 21
23. RETURN TO STEP 17 IF ADDITIONAL PROCESSING DESIRED
24. COMBINE SOME RESULTS OF STEPS 16 AND 22
25. RETURN TO STEP 3 IF ADDITIONAL PROCESSING DESIRED
26. SELECT SOME 1ST SETS ACCORDING TO SCORE AS
SUMMARY OF TEXT

FIG. 2

1. RECEIVE TEXT
2. IDENTIFY ALL TEXTUAL UNIT SETS IN TEXT
3. SELECT 1ST SET OF TEXTUAL UNITS
4. SELECT 2ND SET OF TEXTUAL UNITS
5. IDENTIFY UNIQUE TEXTUAL UNITS IN 1ST SET
6. IDENTIFY UNIQUE TEXTUAL UNITS IN 2ND SET
7. DETERMINE SHARED TEXTUAL UNITS OF 1ST AND 2ND SET
8. SELECT 3RD SET OF TEXTUAL UNITS BETWEEN 1ST AND 2ND
9. IDENTIFY UNIQUE TEXTUAL UNITS IN 3RD SET
10. IDENTIFY UNIQUE TEXTUAL UNITS IN TEXT
11. DETERMINE OCCURRENCE FREQUENCY OF EACH
 UNIQUE TEXTUAL UNIT IN 3RD SET
12. DETERMINE OCCURRENCE FREQUENCY OF EACH
 UNIQUE TEXTUAL UNIT IN TEXT
13. DETERMINE PROXIMITY OF RESULTS OF STEPS 11 AND 12
14. SELECT A 5TH SET OF TEXTUAL UNITS
15. IDENTIFY UNIQUE TEXTUAL UNITS IN 5TH SET
16. DETERMINE OCCURRENCE FREQUENCY OF UNIQUE
 TEXTUAL UNITS IN 5TH SET
17. DETERMINE PROXIMITY OF RESULTS OF STEPS 12 AND 16
18. COMBINE RESULTS OF STEPS 7, 13, AND 17
19. RETURN TO STEP 4 IF ADDITIONAL PROCESSING DESIRED
20. ASSIGN HIGHEST RESULT OF STEP 14 TO 1ST SET
21. RETURN TO STEP 3 IF ADDITIONAL PROCESSING DESIRED
22. SELECT SOME 1ST SETS BY SCORE AS SUMMARY OF TEXT

FIG. 3

1. RECEIVE TEXT
2. IDENTIFY TEXTUAL UNIT SETS IN TEXT
3. IDENTIFY UNIQUE TEXTUAL UNITS IN TEXT
4. ASSIGN WEIGHT TO EACH RESULT OF STEP 3
5. SELECT 1ST SET OF TEXTUAL UNITS
6. SELECT 2ND SET OF TEXTUAL UNITS
7. IDENTIFY UNIQUE TEXTUAL UNITS IN 1ST SET
8. IDENTIFY UNIQUE TEXTUAL UNITS IN 2ND SET
9. SUM WEIGHTS OF UNIQUE TEXTUAL UNITS SHARED
BY 1ST AND 2ND SETS
10. SELECT 3RD SET OF TEXTUAL UNITS BETWEEN 1ST AND 2ND
11. IDENTIFY UNIQUE TEXTUAL UNITS IN 3RD SET
12. DETERMINE OCCURRENCE FREQUENCY OF UNIQUE
TEXTUAL UNITS IN 3RD SET
13. DETERMINE OCCURRENCE FREQUENCY OF UNIQUE
TEXTUAL UNITS IN TEXT
14. DETERMINE PROXIMITY OF RESULTS OF STEPS 12 AND 13
15. CALCULATE SCORE FOR 1ST SET VS. 2ND SET AS FUNCTION
OF RESULTS OF STEPS 9 AND 14
16. RETURN TO STEP 6 IF ADDITIONAL PROCESSING DESIRED
17. ASSIGN HIGHEST RESULT OF STEP 15 TO 1ST SET
18. RETURN TO STEP 5 IF ADDITIONAL PROCESSING DESIRED
19. SELECT ONE UNIQUE TEXTUAL UNIT IN TEXT
20. IDENTIFY EACH SET IN WHICH RESULT OF STEP 19 APPEARS
AND FOR WHICH A SCORE WAS CALCULATE, THE SCORE,
AND THE LENGTH OF EACH SET
21. SUM THE SCORES IDENTIFIED IN STEP 20
22. RECALCULATE WEIGHT OF UNIQUE TEXTUAL UNITS SELECTED
IN STEP 19 AS COMBINATION OF RESULT OF STEP 21 AND
LENGTHS AND SCORES IDENTIFIED IN STEP 20
23. RETURN TO STEP 19 IF ADDITIONAL WEIGHTINGS DESIRED
24. RETURN TO STEP 5 IF ADDITIONAL PROCESSING DESIRED
25. ASSIGN HIGHEST RESULT OF STEP 15 TO 1ST SET
26. RETURN TO STEP 5 IF ADDITIONAL PROCESSING DESIRED
27. SELECT SOME 1ST SETS BY SCORE AS SUMMARY OF TEXT

FIG. 4